

## ABSTRACT OF THE DISCLOSURE

A method for making propylene from alpha olefins, internal linear olefins and isoolefins wherein the alpha olefins are subjected to a combination of  
5 hydrogenation and double bond isomerization to form additional internal linear olefins, the internal linear olefins are disproportionated with ethylene to form a propylene product, while the isoolefins are subjected to skeletal isomerization to form yet additional internal linear olefins to be converted into yet additional propylene.